(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification[7]: H04L 29/06, 29/12

(21) International Application Number: PCT/EP03/04059

(22) International Filing Date: 17 April 2003 (17.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
TO2002A000341 19 April 2002 (19.04.2002) IT

(71) Applicant (for all designated States except US): TELE-COM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).

(72) Inventors; and
(75) Inventors/Applicants (for US only): COPPOLA, Crescenzo [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). PAPAGNA, Pier, Luca [IT/IT]; Via Tunisi, 12, I-10134 Torino (IT).

(74) Agents: BATTIPEDE, Francesco et al.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
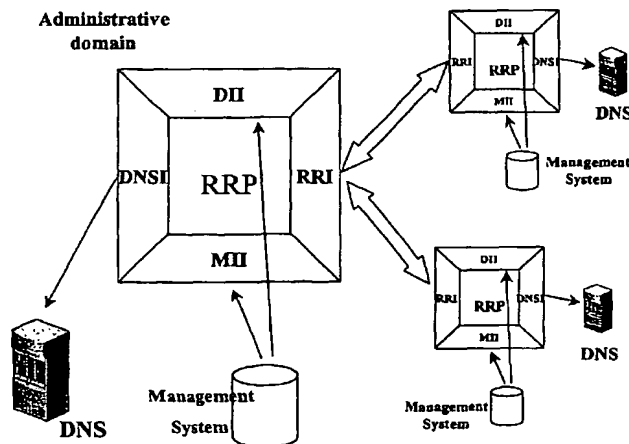
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

(54) Title: METHOD FOR IMPLEMENTING CONTENT DELIVERY NETWORK (CDN) INTERNETWORKING, RESPECTIVE NETWORKS AND INTERFACE COMPONENT

(57) Abstract: Internetworking of a set of Content Delivery Networks CDN (CDN1, CDN2) is obtained by employing interface components intended to be each associated to a network (CDN1) in the set and co-operating according to a Content Internetworking Gateway (CIG) another components association the set of said interface Services or Domain Name networks. Access of internetworking networks through the Directory Name Service or Domain Name Server (DNS) of the respective network. with at least one (CDN2) of the collect routing data referred similar component in set. Said interface to the them in transferred by Directory Name the respective the contents of network (CIG) of contents and caches which contain networks. The routing components (CIG) Servers clients (CDN1, CDN2) is thus implemented through the Directory Name Service or Domain Name Server (DNS) of the respective network.